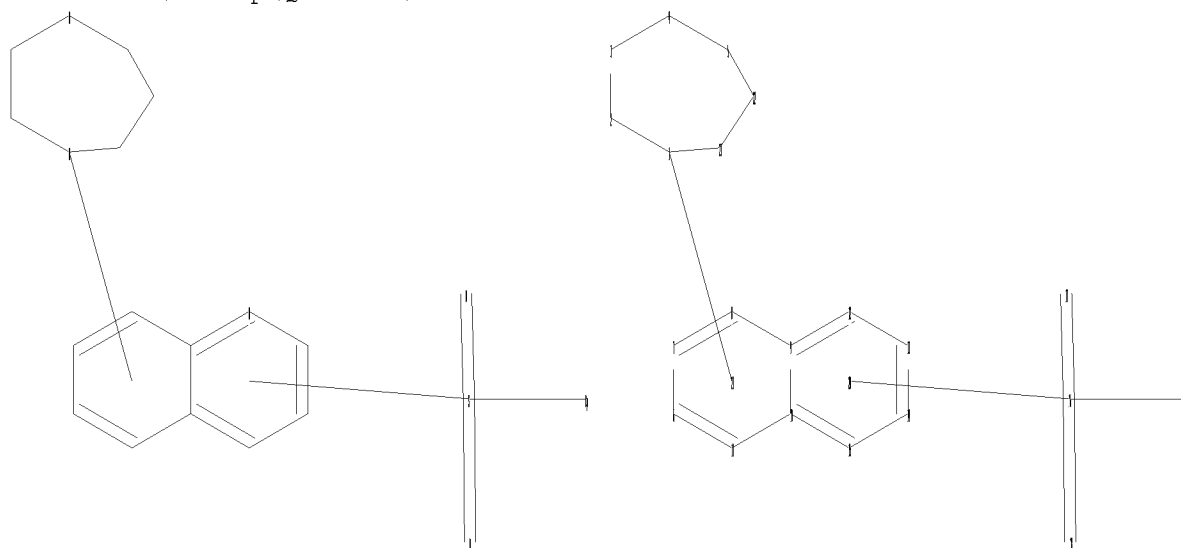


10/571405

=>

Uploading C:\Documents and Settings\EBernhardt\My Documents\Stnexp\Queries\10571405-II.str



chain nodes :

16 17 18 19

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 22 23

chain bonds :

16-17 16-18 16-19

ring bonds :

1-2 1-23 2-3 3-4 4-5 5-22 6-7 6-11 7-8 8-9 9-10 9-12 10-11 10-15
12-13 13-14 14-15 22-23

exact/norm bonds :

1-2 1-23 2-3 3-4 4-5 5-22 16-17 16-18 16-19 22-23

normalized bonds :

6-7 6-11 7-8 8-9 9-10 9-12 10-11 10-15 12-13 13-14 14-15

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 19:35:09 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 300 TO ITERATE

100.0% PROCESSED 300 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

10/571405

BATCH **COMPLETE**
PROJECTED ITERATIONS: 4961 TO 7039
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 19:35:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6203 TO ITERATE

100.0% PROCESSED 6203 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 179.28 180.12

FILE 'CAPLUS' ENTERED AT 19:35:23 ON 30 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 May 2008 VOL 148 ISS 23
FILE LAST UPDATED: 29 May 2008 (20080529/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3

L4 1 L3

=> d l4 bib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:777764 CAPLUS
DN 139:292163
TI Preparation of arylsulfonyl(diazacycloalkyl)quinolines for treatment of
 CNS disorders
IN Ahmed, Mahmood; Johnson, Christopher Norbert; Jones, Martin C.; MacDonald,
 Gregor James; Moss, Stephen Frederick; Thompson, Mervyn; Wade, Charles
 Edward; Witty, David

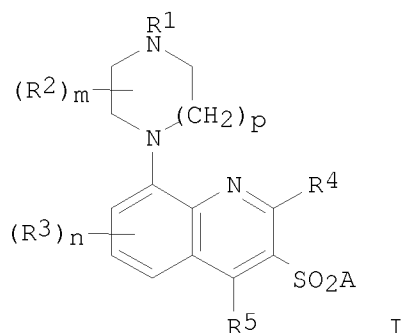
10/571405

PA Glaxo Group Limited, UK
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2

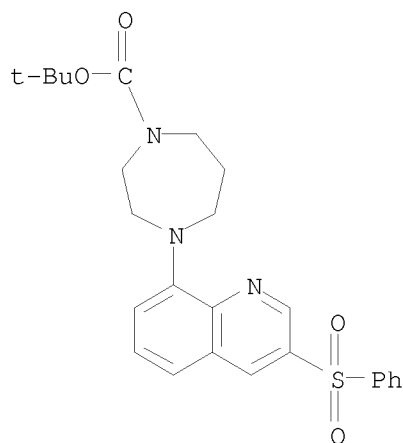
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2003080580	A2	20031002	WO 2003-EP3197	20030325
	WO 2003080580	A3	20040205		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2479786	A1	20031002	CA 2003-2479786	20030325
	AU 2003219103	A1	20031008	AU 2003-219103	20030325
	EP 1497266	A2	20050119	EP 2003-714889	20030325
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003008696	A	20050125	BR 2003-8696	20030325
	CN 1656075	A	20050817	CN 2003-811644	20030325
	JP 2005531518	T	20051020	JP 2003-578335	20030325
	TW 268928	B	20061221	TW 2003-92106558	20030325
	RU 2309154	C2	20071027	RU 2004-131641	20030325
	NZ 535239	A	20080328	NZ 2003-535239	20030325
	ZA 2004007320	A	20051004	ZA 2004-7320	20040912
	IN 2004DN02703	A	20070302	IN 2004-DN2703	20040914
	MX 2004PA09318	A	20050125	MX 2004-PA9318	20040924
	US 20050124628	A1	20050609	US 2004-509078	20040927
	NO 2004004588	A	20041025	NO 2004-4588	20041025
PRAI	GB 2002-7289	A	20020327		
	GB 2002-25678	A	20021104		
	WO 2003-EP3197	W	20030325		
OS	MARPAT 139:292163				
GI					



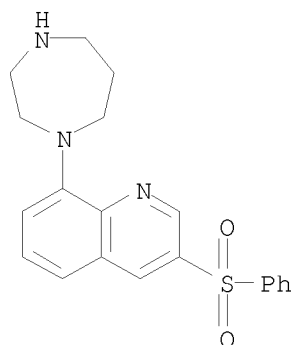
- AB Title compds. I [R1, R2 = H, alkyl; R1R2, R22 = (CH2)2-4; R3-R5 = H, halogen, CN, CF3, OCF3, alkyl, alkoxy, alkanoyl, (un)substituted CONH2; A = (un)substituted aryl; m = 1-4; n = 1-3, p = 1, 2] were prepared for use as HT6 receptor antagonists in treatment of CNS disorders. Thus, 8-iodo-3-phenylsulfonylquinoline was prepared from 8-nitroquinoline and was treated with 1-tert.-butoxycarbonylpiperazine, followed by deblocking, to give 3-phenylsulfonyl-8-piperazinoquinoline.
- IT 607743-12-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of arylsulfonyl(diazacycloalkyl)quinolines for treatment of CNS disorders)
- RN 607743-12-4 CAPLUS
- CN 1H-1,4-Diazepine-1-carboxylic acid, hexahydro-4-[3-(phenylsulfonyl)-8-quinolinyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



- IT 607742-67-6P 607743-57-7P
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of arylsulfonyl(diazacycloalkyl)quinolines for treatment of CNS disorders)
- RN 607742-67-6 CAPLUS

10/571405

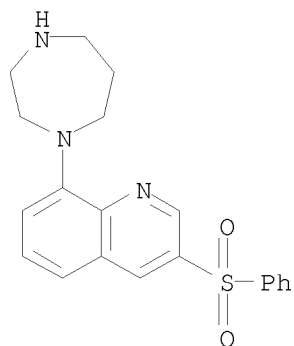
CN Quinoline, 8-(hexahydro-1H-1,4-diazepin-1-yl)-3-(phenylsulfonyl)-,
hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 607743-57-7 CAPLUS

CN Quinoline, 8-(hexahydro-1H-1,4-diazepin-1-yl)-3-(phenylsulfonyl)- (CA
INDEX NAME)



=> file caold
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.93	186.05

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.80	-0.80

CA SUBSCRIBER PRICE

FILE 'CAOLD' ENTERED AT 19:35:58 ON 30 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

10/571405

FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l3

L5 0 L3

=> file chemcats

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.46

186.51

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-0.80

FILE 'CHEMCATS' ENTERED AT 19:36:07 ON 30 MAY 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

FILE LAST UPDATED 24 MAY 2008 (20080524/UP)

For details on recent updates in CHEMCATS, enter NEWS FILE at an arrow prompt. For the list of suppliers currently in the file, enter HELP SPA, HELP SPB, HELP SPC, HELP SPDH, HELP SPIN, HELP SPOQ, HELP SPRS, and HELP SPTZ. For the list of current catalogs, enter HELP CTA, HELP CTB, HELP CTC, HELP CTDH, HELP CTIL, HELP CTMN, HELP CTOQ, HELP CTRS, and HELP CTTZ.

This database is provided on an "as is" basis. Please consult the suppliers for current information regarding pricing, regional availability, available quantities, purities, etc. THERE ARE NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. ACS is not liable for any loss of profit, goodwill or any other damages arising out of the use of this database.

CHEMCATS now contains more than 21 million records. See HELP CONTENT and NEWS FILE for details.

=> s l3

L6 0 L3

=> log h

10/571405

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.94	187.45
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 19:36:17 ON 30 MAY 2008